Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 27 Sep 2021 until 23:59 on Tuesday 28 Sep 2021

Forecast Issued on Monday 27 Sep 2021 at 03:44

Confidence: High for change to unsettled weather. Lower for shower detail and potential for impactful rain on Tuesday and Wednesday.

Headline for Monday 27 Sep 2021: Heavy rain clearing eastwards. Replaced by sunshine and showers.

Mountain weather hazards on Monday 27 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Medium Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy rain showers	Heavy rain showers	Heavy rain showers (night)	Heavy rain showers (night)
Precipitation probability					
80%	50%	30%	40%	40%	10%

Forecast for Monday 27 Sep 2021

Weather: Heavy rain with widespread fog and gales over ridges and summits. The heavy rain will clear eastwards during the morning, to be replaced by a mixture of sunshine and showers. Some clear periods likely during the evening.

Chance of cloud free mountain/hill tops above 600m: 0% at first but improving to 70% during the morning.

Visibility: Poor or very poor in heavy rain and fog at first. Improving to very good or excellent during the morning with distant hills visible. Deteriorating in showers to around 3000m.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Monday 27 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/38 W	20/26 W	22/30 SW	21/31 SW	14/22 SW	13/19 SW	17/26 S
300	22/43 W	12/24 W	14/28 SW	16/31 SW	9/23 SW	6/16 SW	10/24 S
Valley	17/33 NW	9/18 W	11/24 W	13/26 SW	4/15 S	7/20 S	5/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/3	6/2	8/3	8/4	7/4	7/3	6/2
300	10/6	9/7	11/8	12/8	9/7	9/8	8/6
Valley	11/8	10/9	13/11	13/11	11/10	10/9	10/9
Freezing Level*	2500m	1600m	1500m	1400m	1500m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A marked change to cooler conditions likely by Monday morning, with significant wind chill over higher ground. Appropriate clothing essential. Water courses may be flooded during the morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 27 Sep 2021	0.6mm	0.8mm	10.8mm

Forecast for Tuesday 28 Sep 2021

Weather: Clear overnight but cloud increasing quickly after dawn with showers, heavy at times, or longer periods of heavy rain developing. Strong winds over ridges and summits.

Maximum wind: Southwesterly 25-30 gust 40 mph.

Chance of cloud free mountain/hill tops above 600m: 90% overnight, but frequently as low as 20% by day in rain or showers.

Visibility: Excellent overnight but deteriorating significantly in heavy rain and showers. Often below 5 km.

Temperature: **Valleys:** Ps 8 BECMG Ps 13 Celsius
At 600m: Ps 7 Celsius
Freezing level: Well above summits.

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